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Lake Winona dredging meeting notes

Cal R. Fremling
Winona State University

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June 16, 1989

Tim Penny
Sharon Gates Hull

Larry Smith

USFWS - hasn't seen area lately

USFWS advises - Corps makes decision.

2 construction seasons

Pat Woodward

3.5 M

No net loss wetland policy

LAKE WINONA DREDGE

Mary MARX

CORPS 608784-8236 6/16/8.

NAME

REPRESENTING PHONE

Tim Brega

1st Ward Commissioner

454-4881

ROBERT BOLLANT

CITY of WINONA (507) 452-8

Bob Bellowski

" " "

452-315

Bruce Fuller

" "

452-85

Doug Rosendahl

" " "

454-41

Tom Slaggio

454-15

Eric Jensen

" " "

452-85

GARY WELGE

V.S. Fish & Wild. Service 612/290-313.

Jerry Smith

" " "

" "

Andrew Andersen

MPCA-SF Region

285-73

Steve Worn

MN. Senate

286-569

Kugel Johnson

St Rep. 34A

896-3858

Calvin Tremling

Winona State U.

457-5276

Jim Bell

Lake Winona Committee

457-7687

Sharon Gates-Hull

Congressman Tim Penny

454-2721

Timothy J. Penny

U.S. Congress

202/225-73

Donald Peterson

Winona County Comm

507-454-30

Karin T. Driggs

Winona County

507-457-64

Pat Woodward

Winona Knits

454-324

Rick Frietsche

U.S. Fish & Wildlife

452-423

KEAT WESTING

KWOO

452-4722

Karen Kiedal

Winona Daily News

454-6500

Robert J. Jorg

HAGE

2-4000

Jerome Christenson

Post + Shopper

2-202

Rek Sena

Sen Boxhuts

221 090

Tim Brega

Winona City Council

452-8550

— Larry Gates
Jim Haertel

MNDNR
mndnr-waters

612 345-3365
612 345-3331

LAKE WINONA MEETING

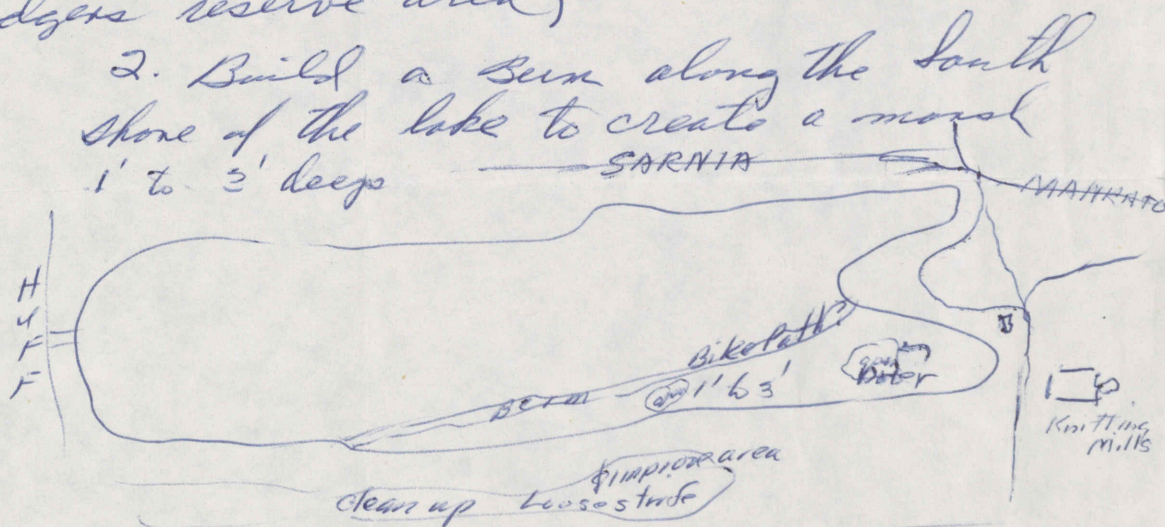
7/25/89

| NAME | REPRESENTING | PHONE |
|----------------|------------------------------|----------------|
| ROBERT BOLLAND | CITY of WINONA | 452-855 |
| Nick Gulden | MNDNR | 457-5481 |
| LARRY SMITH | US FISH & WILDL. SERV. | 612 290 313 |
| Ben Wopat | U.S. Army Corps of Engineers | 612-220-0376 |
| Paul Richter | " " " | 612-220-0376 |
| Mary Marx | COE La Crosse (608) | 784-8236 |
| Jim Bell | Lake Winona Committee | 507-457-7687 |
| Stan Spooner | " " | 1-507-452-4543 |
| Eric Axelson | City of Winona | 1-507-452-8550 |
| Judith Bodway | City of Winona | 507/452-8550 |
| Jim Huertel | DNR/Waters - Lake (2) | 612-345-333 |

Suggestion which will be approved

with these items and
that 3 & 4 were "goodies"
that were desirable if
attainable and
would ease the ? mark
in the first sentence

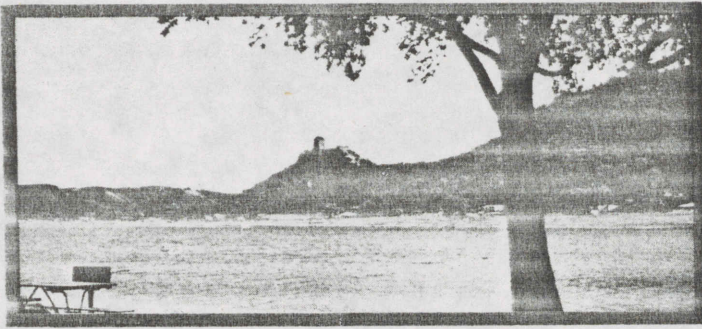
- per Ben Wopat - Everyone agreed they would go along
1. Fill all of Industrial park (except Budgers reserve area)
 2. Build a berm along the South shore of the lake to create a marsh 1' to 3' deep



3. Purchase Dam rights from Foster on old RR Bridge east of Ind Park & control 40 acres of wetland.
4. Apply for an Interceptor Grant (PCA has money for this now) for storm drains.

CAL

1. Please review my submittal letter to the Corps - the letter to the DNR would be similar.
- 2 also please review both the Corps & DNR applications. I don't have the drawings done yet but will have them by April 7.
- 3 I will need 2 copies of "A Lake Winona Condominium" to send in -
- 4 Feel free to add to the letter if you think it needs it ~~done~~ Bob B



CITY OF WINONA

CITY HALL
207 LAFAYETTE ST.
POST OFFICE BOX 378
WINONA, MN. 55987
PH: (507) 452-8550



March 30, 1989

Chief, Regulatory Function Branch
Construction Operations Division
U.S. Army Corps of Engineers
1135 U.S. Post Office & Custom House
St. Paul, MN 55101

TO WHOM IT MAY CONCERN:

Re: Dredging Lake Winona

The City of Winona herein requests a Permit to dredge 134 acres of the East Lake of Lake Winona.

The city is requesting to deepen 110 acres of the East Lake of Lake Winona from a general depth of 8 feet to 16 feet in order to eliminate weed growth. This dredged material would consist of a silty muck equaling 950,000 cubic yards in volume. In order to make room for this muck, the city proposes to dredge 950,000 cubic yards of sand from the easterly 24 acres of the lake to Riverbend Industrial Park. This 24 acre ^{was} area dredged out deeper in 1952 as shown on the enclosed map of Lake Winona. The 950,000 cubic yards of sand would fill 81 acres in Riverbend Industrial to an elevation of 655.5, suitable for industrial development. The city proposes to then dredge 392,000 cubic yards of muck from the 110 acre area and cover the 81 acre sand fill with a 3 foot deep layer of muck. Next 558,000 cubic yards of muck would be dredged from the 110 acre area into the hole in the easterly end of the lake created by dredging out 950,000 cubic yards of sand. A containment curtain would be used to contain the silt in the 24 acre area. The muck would be evenly spread over the 24 acres which would leave this area deeper than it presently is.

The 81 acre disposal area in Riverbend Industrial Park has a natural containment area. Dikes would be constructed to keep the fill away from the Permanent Dike and from the area to the west sold to Badger Foundry. Since the Permanent Dike has been constructed, the 81 acre area no longer floods; therefore, the area is drying up. It will no longer support flood plain forest in the future and should no longer be considered a wet land by the Corps of Engineer. According to the DNR definition it is not a wet land presently. In 1975 when the EIS was being prepared for the Permanent Dike,

Dredging Lake Winona
March 30, 1989
Page 2

2127 the Corps of Engineers asked the city to change the Easterly Dike alignment protecting Riverbend Industrial Park. The City of Winona was told that if the city would give up 40 acres of potential industrial land in the South-west corner of Riverbend Industrial Park, the city would be allowed to develop that part of Riverbend protected by the Permanent Dike. Riverbend is the only feasible location for dredge spoil from East Lake Winona. The city is willing to place 392,000 cubic yards of muck on top of the sand fill in order to remove as much muck as possible from the lake in order to enhance the lake to the greatest degree possible.

In a Report on Lake Winona entitled "A Lake Winona Compendium" dated January, 1986, by Dr. Calvin Fremling and Glen Heins, it is reported that Lake Winona is dying. Dredging is recommended to control the weed growth in the lake and slow the dying process. A copy of this Report is enclosed. This proposed dredging will once again make the East Lake a healthy lake.

Enclosed are maps of Lake Winona showing the present contour elevations of the lake and the locations of soundings of Lake Winona taken May 26, 1986.

Enclosed is the application for Department of Army Permit with drawings. One set of drawings are reproducible and one set is copy.

Please call me if you have questions or if additional information is required.

Respectfully submitted,

Robert J. Bollant
Director of Public Works

bh
Enclosures
cc: Eric Sorensen, City Manager
Dr. Cal Fremling



PERMIT APPLICATION TO WORK IN PROTECTED WATERS OR WETLANDS (INCLUDING DAM SAFETY)

| | |
|--|--|
| OFFICE USE ONLY. | |
| P.A. NO. | |
| <input type="checkbox"/> SWCD <input type="checkbox"/> C/C <input type="checkbox"/> W.D. <input type="checkbox"/> USCOE | |

▶▶ Please read instructions before attempting to complete this application.

| | | | | | |
|---|--------------------|---|---|--|-------------------------|
| I. Applicant's Name (Last, First, M.I.) City of Winona | | Authorized Agent (if applicable) Robert J. Bollant | | Telephone Number & area code (507) 452-8550 | |
| Address (Street, RFD, Box Number, City, State, Zip Code) P.O. Box 378 Winona, MN 55987 | | | | | |
| II. LOCATION OF PROPOSED PROJECT (BE SURE TO INCLUDE SKETCH SHOWING HOW TO GET TO THE SITE) | | | | | |
| Government Lot(s) | Quarter Section(s) | Section(s) No. | Township(s) No. | Range(s) No. | Lot, Block, Subdivision |
| Fire No., Box No. or Project Address | | | County | Project will affect <input type="checkbox"/> Lake. <input type="checkbox"/> Wetland or <input type="checkbox"/> Watercourse (name & number, if known) | |
| III. TYPE OF WORK PROPOSED (CHECK ONE) | | | IV. TYPE OF PROJECT (CHECK ONE) | | |
| <input checked="" type="checkbox"/> excavate <input type="checkbox"/> repair <input checked="" type="checkbox"/> fill <input type="checkbox"/> remove <input type="checkbox"/> drain <input type="checkbox"/> abandon <input type="checkbox"/> construct <input type="checkbox"/> other (specify) <input type="checkbox"/> install _____ | | | <input type="checkbox"/> shoreline <input type="checkbox"/> shore-protection <input type="checkbox"/> obstruction <input type="checkbox"/> dam <input type="checkbox"/> channel <input type="checkbox"/> harbor <input type="checkbox"/> bridge <input type="checkbox"/> other <input type="checkbox"/> sand blanket <input type="checkbox"/> permanent dock <input type="checkbox"/> culvert (specify) <input type="checkbox"/> riprap <input type="checkbox"/> wharf Dredging a lake _____ | | |
| V. ESTIMATED PROJECT COST \$ 3,400,000 | | | VI. LENGTH OF SHORELINE AFFECTED (IN FEET): | | |
| VII. VOLUME OF MATERIAL FILLED OR EXCAVATED (IN CUBIC YARDS): 1,900,000 | | | | | |
| VIII. BRIEF EXPLANATION OF PROJECT: (EXPLAIN WHAT PROJECT CONSISTS OF AND HOW WORK WILL BE DONE) The city desires to deepen 110 acres in East Lake Winona from a general depth of 8' to 16' by dredging. The dredged material would be classified as muck. To make room for 950,000 cubic yards of muck the city proposes to dredge 950,000 cubic yards of sand from the easterly 24 acres of the lake to Riverbend Industrial Park. 392,000 cubic yards of muck would be dredged to Riverbend to cover the sand then 558,000 cubic yards of muck will be dredged into the hole dredged out for sand fill. | | | | | |
| IX. PURPOSE OF PROJECT: (Explain why this project is needed) Lake Winona is dying according to a Report entitled "A Lake Winona Compendium" by Dr. Calvin Fremling and Glen Heins dated January, 1986. Dredging would prolong the life of the lake and control lake weed growth. | | | | | |
| X. ENVIRONMENTAL IMPACT (Anticipated changes to the water and related land resources, including unavoidable but detrimental effects) Dredging would enhance the life of the lake by eliminating the weed growth and by generally deepening the lake. | | | | | |
| XI. ALTERNATIVES (Other alternatives to the action proposed) Dredging would enhance the life of the lake by eliminating the weed growth and by generally deepening the lake Do nothing and let the lake continue to die. | | | | | |
| XII. I hereby make application pursuant to Minnesota Statutes Chapter 105.42 and all supporting rules for a permit to work in or affect the above named protected water(s) in accordance with all supporting maps, plans, and other information submitted with this application. The information submitted and statements made concerning this application are true and correct to the best of my knowledge. | | | | | |

STATE OF _____

COUNTY OF _____

Subscribed and sworn to before me this

_____ day of _____ 19____

My commission expires

Signature of Notary

Signature of Owner or Authorized Agent

Date

Signature of Leasee

Date

Distribution:

White: DNR
Blue: SWCD
Green: Watershed District
Goldenrod: City or County
Pink: Army Corps of Engineers
Canary: Applicant

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

(33 CFR 325)

OMB APPROVAL NO. 0702-0036
Expires 30 June 1989

The Department of the Army permit program is authorized by Section 10 of the River and Harbor Act of 1899, Section 404 of the Clean Water Act and Section 103 of the Marine, Protection, Research and Sanctuaries Act. These laws require permits authorizing activities in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Information provided on this form will be used in evaluating the application for a permit. Information in this application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary; however, the data requested are necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (*see sample drawings and instructions*) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

1. APPLICATION NUMBER (To be assigned by Corps)

3. NAME, ADDRESS, AND TITLE OF AUTHORIZED AGENT

Robert J. Bollant
Director of Public Works
P.O. Box 378
Winona, MN 55987
Telephone no. during business hours

2. NAME AND ADDRESS OF APPLICANT

City of Winona
P.O. Box 378
Winona, MN 55987

Telephone no. during business hours

A/C (507, 454-4278 (Residence)
A/C (507, 452-8550 (Office)

Statement of Authorization: I hereby designate and authorize _____
_____ to act in my behalf as my
agent in the processing of this permit application and to furnish, upon request,
supplemental information in support of the application.

SIGNATURE OF APPLICANT

DATE

4. DETAILED DESCRIPTION OF PROPOSED ACTIVITY

4a. ACTIVITY The City of Winona proposes to dredge 950,000 cubic yards of sand material from the easterly 24 acres of Lake Winona to fill 81 acres in Riverbend Industrial Park. Next 110 acres of the East Lake Winona would be dredged a depth of 16 feet. This material would consist of silty muck. The estimated volume is 950,000 cubic yards.

4b. PURPOSE

The purpose of the dredging is to remove the weeds from Lake Winona. Studies show that a depth of 16 feet will eliminate weed growth. The major disposal area is Riverbend Industrial Park; thus, the proposal is to dredge sufficient sand into Riverbend Industrial Park to make it suitable for industrial development.

4c. DISCHARGE OF DREDGED OR FILL MATERIAL

The 950,000 cubic yards of sand fill from the easterly 24 acres of East Lake Winona would be placed on 81 acres in Riverbend Industrial Park to fill Riverbend to an elevation of 655.5. The 81 acre sand fill would be covered 3 feet deep with muck from the 110 acre area being dredged equalling 392,000 cubic yards in volume. 558,000 cubic yards of muck from the 110 acre area would be dredged back into the 24 acre area of the lake from the sand fill was dredged.

5. NAMES AND ADDRESSES OF ADJOINING PROPERTY OWNERS, LESSEES, ETC., WHOSE PROPERTY ALSO ADJOINS THE WATERWAY

Fleet Farm
Mills Properties Inc.
P.O. Box 505
Brainerd, MN 56401

Badger Foundry
1058 E. Mark
Winona, MN 55987

Mark Modjeski
1126 E. Broadway
Winona, MN 55987

6. WATERBODY AND LOCATION ON WATERBODY WHERE ACTIVITY EXISTS OR IS PROPOSED

Lake Winona
Winona, MN

7. LOCATION ON LAND WHERE ACTIVITY EXISTS OR IS PROPOSED

ADDRESS: City of Winona
P.O. Box 378

STREET, ROAD, ROUTE OR OTHER DESCRIPTIVE LOCATION

Winona, MN 55987

COUNTY STATE ZIP CODE

City of Winona, Minnesota

LOCAL GOVERNING BODY WITH JURISDICTION OVER SITE

8. Is any portion of the activity for which authorization is sought now complete? ☐ YES ☐ NO
If answer is "Yes" give reasons, month and year the activity was completed. Indicate the existing work on the drawings.

9. List all approvals or certifications and denials received from other federal, interstate, state or local agencies for any structures, construction, discharges or other activities described in this application.

| ISSUING AGENCY | TYPE APPROVAL | IDENTIFICATION NO. | DATE OF APPLICATION | DATE OF APPROVAL | DATE OF DENIAL |
|----------------|---------------|--------------------|---------------------|------------------|----------------|
|----------------|---------------|--------------------|---------------------|------------------|----------------|

None

10. Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities or I am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF AGENT

DATE

The application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in Block 3 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of The United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

Do not send a permit processing fee with this application. The appropriate fee will be assessed when a permit is issued.

Sept 28, '88 Met with Port Authority ^{wendy} Turi

Oct 5, '88

" " DNR & PCA
Gates, Gullen, Jim Haertel,
Mary Marks, City Admin; L.W.C.

Mar 17, '89 'Bob Bollant's office

Bob met with Tim Penny. Penny's staff
will try to find USFWS & Corp funds.
Bob said project would cost 3.5 M
& City could do 1M of that

Deep hole at East End L.W.
will be dredged to make pad at
indust park. About $\frac{1}{2}$ muck will
go atop pad. The remaining muck
will go in hole. (2' ~~end~~ of residue after
drying)

~~Sen~~
Get 3 Compendia to Bollant

MEETING ON LAKE WINONA DREDGING

11/5/87

NAME

REPRESENTING

ROBERT BOLLANT

CITY of WINONA

Bob Welch

Park Rec. Dept. - City of Win.

Elizabeth Rodwell

U.S. Fish & Wildlife Service

GARY WEGE

US Fish & Wild. Serv. - (St. Paul)

Jim Haertel

DNR - Waters

Jim Copper

DNR - Waters

Stan Spooner

Lake Winona Comm. Winona

Bill JOHNSON

DNR - REG. ADMINISTRATION

Nick Guelen

DNR - Area Wildlife Mgr -

Harry Gentes

" Area Fisheries Sup.

Earl Hansenburger

Mayor Winona

Cal Fremling

Winona State University

Dredging Meeting

Stan Sporer, Bob Bollant Bob Hembar (Modern Transport)
to remove 2 ft soil in 15 acres (16 feet deep)

200,000 yd³

for \$200,000

mine 10,000 yds/year
~~for 20 years~~
or all in one year

sell for \$1/yd³
or give it away

do

tourist booth collect
money (Chamber) for
of Commerce
a % of revenue.

not feasible to take sand out

1 mil brings in \$96,000

L.W.S. May 6
Go before council May 18

City owning dredge isn't practical
City Employee costs \$27,000/yr

Lake Winona Dredging

March 5, 1986

Paul Richert (Corps 612-725-7772) called. He & Gary Wegge will come to Winona to discuss dredging etc but want more information first. Details to include how much River Bend needs to be filled, more info on Lake Winona dredging, insurance that there is no other spoil site, how much marsh would be lost

Port Authority's Section 404 Permit application was turned down.

~~Mar 6, '86~~

Mar 10, '86 Called J. Gates. He'll make ref dredging map to consider. Will meet later.


DEPARTMENT : Natural Resources - Fisheries

STATE OF MINNESOTA

Office Memorandum

DATE : 120589

TO : Cal Fremling

FROM : Gary Grunwald 

PHONE : (612)345-3365

SUBJECT : Fall Walleye Fingerling Stocking

Larry mentioned you were interested in the fall walleye stocking for Lake Winona. We stocked 900 fingerlings in the lower basin on October 18, 1989. The rate was 18 fish per pound for a total of 50 lbs. Fish were obtained from a natural pond in the St. Paul area and were in excellent condition when stocked. We hope to hear something soon on the status of winter rescue northern pike for the lake and will keep you informed of when we get some. Any questions, just give us a call.

GG/bd